2,6,10,17-Tetraoxatricyclo[11.3.1.11,5]octadecane-7,11-dione,3-[(1S,4S)-4-(2-bromo-5-hydroxyphenyl)-4-methoxy-1-methylbutyl]-13-hydroxy-9-[(1R)-1-hydroxyethyl]-4,14,16,16-tetramethyl-,(1S,3R,4S,5S,9R,13S,14R)- (cas 52659-57-1) MSDS

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[ Aplysiatoxin 52659-57-1 ]

*** CHEMICAL IDENTIFICATION ***

RTECS NUMBER            : CD8870000
CHEMICAL NAME           : Aplysiatoxin
CAS REGISTRY NUMBER     : 52659-57-1
BEILSTEIN REFERENCE NO. : 1675020
LAST UPDATED            : 199612
DATA ITEMS CITED        : 2
MOLECULAR FORMULA       : C32-H47-Br-O10
MOLECULAR WEIGHT        : 671.70
COMPOUND DESCRIPTOR     : Mutagen

*** HEALTH HAZARD DATA ***

** ACUTE TOXICITY DATA **
TYPE OF TEST            : LDLo - Lowest published lethal dose
ROUTE OF EXPOSURE       : Intraperitoneal
SPECIES OBSERVED        : Rodent - mouse
DOSE/DURATION           : 300 ug/kg
TOXIC EFFECTS :
Peripheral Nerve and Sensation - flaccid paralysis without anesthesia (usually neuromuscular blockage)
Behavioral - convulsions or effect on seizure threshold
Lungs, Thorax, or Respiration - other changes
REFERENCE :
LLOYA2 Lloydia. (Cincinnati, OH) V.1-41, 1938-78. For publisher information, see JNPRDF. Volume(issue)/page/year: 38,1,1975

** MUTATION DATA **
TYPE OF TEST            : Unscheduled DNA synthesis
TEST SYSTEM             : Rodent - mouse Fibroblast
DOSE/DURATION           : 1 mg/L
REFERENCE :
SCIRAS Science. (American Assoc. for the Advancement of Science, 1333 H St., NW, Washington, DC 20005) V.1- 1895- Volume(issue)/page/year:
222,1242,1983

*** END OF RECORD ***